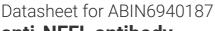
antibodies .- online.com





anti-NEFL antibody





Overview

Quantity:	100 μg
Target:	NEFL
Reactivity:	Human, Rat, Pig, Cow, Chicken
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NEFL antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS), Staining Methods (StM)

Product Details

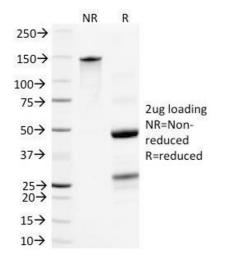
Immunogen:	Crude neurofilament preparation from porcine spinal cord
Clone:	NR-4
Isotype:	IgG
Specificity:	This MAb reacts with a 68 kDa protein, identified as light sub-unit of neurofilaments (NF-L).
	Neurofilaments make up the main structural elements of axons and dendrites and are found in
	neurons, peripheral nerves, and sympathetic ganglion cells. Neurofilaments consist of three
	major subunits with molecular weights of 68 kDa (NF-L), 160 kDa (NF-M) and 200 kDa (NF-H).
	Anti-neurofilament stains a number of neural, neuroendocrine, and endocrine tumors.
	Neuromas, ganglioneuromas, gangliogliomas, ganglioneuroblastomas, and neuroblastomas
	stain positively for anti-neurofilament. Neurofilaments are also present in paragangliomas as
	well as adrenal and extra-adrenal pheochromocytomas. Carcinoids, neuroendocrine
	carcinomas of the skin, and oat cell carcinomas of the lung also express neurofilament.

Product Details Purified by Protein A/G Purification: Target Details Target: **NEFL** NEFL (NEFL Products) Alternative Name: Molecular Weight: 68kDa Gene ID: 4747 UniProt: P07196 **Application Details** Positive Control: HEK293 cells, Brain, Neuroblastoma. **Application Notes:** Known Application: Immunofluorescence (1-2 µg/mL), Flow Cytometry (1-2 µg/million cells), Immunohistochemistry (Formalin-fixed) (0.5-1.0 µg/mL for 30 minutes at RT) (Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes) Optimal dilution for a specific application should be determined. Restrictions: For Research Use only Handling Concentration: 200 μg/mL 10 mM PBS with 0.05 % BSA & 0.05 % azide. Buffer: Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. Storage: 4 °C.-80 °C Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody

is stable for 24 months. Non-hazardous. No MSDS required.

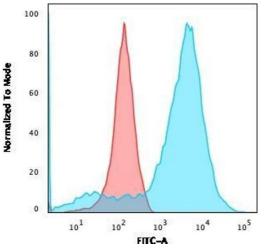
24 months

Expiry Date:



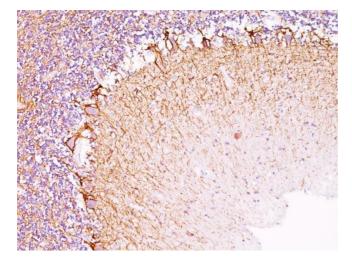
SDS-PAGE

Image 1. SDS-PAGE Analysis Purified Neurofilament Mouse Monoclonal Antibody (NR-4). Confirmation of Integrity and Purity of Antibody



Flow Cytometry

Image 2. Flow Cytometric Analysis of HEK293 cells using Neurofilament Mouse Monoclonal Antibody (NR-4) followed by goat anti-Mouse IgG-CF488 (Blue); Isotype control (Red).



Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded human Cerebellum stained with Neurofilament Mouse Monoclonal Antibody (NR-4).

Please check the product details page for more images. Overall 5 images are available for ABIN6940187.